

# SEQUENCE LISTING

<110> The Regents of the University of California

<120> METHODS AND COMPOUNDS FOR MODULATING MELANOCORTIN  
RECEPTOR-LIGAND BINDING

<130> UCAL-257/00WO

<140>

<141>

<160> 3

<170> PatentIn Ver. 2.0

<210> 1

<211> 132

<212> PRT

<213> Homo sapiens

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Ala Thr Arg Gly Ala Gln Met Gly Leu Ala Pro Met Glu Gly Ile Arg  
20 25 30

Arg Pro Asp Gln Ala Leu Leu Pro Glu Leu Pro Gly Leu Gly Leu Arg  
35 40 45

Ala Pro Leu Lys Lys Thr Thr Ala Glu Gln Ala Glu Glu Asp Leu Leu  
50 55 60

Gln Glu Ala Gln Ala Leu Ala Glu Val Leu Asp Leu Gln Asp Arg Glu  
65 70 75 80

Pro Arg Ser Ser Arg Arg Cys Val Arg Leu His Glu Ser Cys Leu Gly  
85 90 95

Gln Gln Val Pro Cys Cys Asp Pro Cys Ala Thr Cys Tyr Cys Arg Phe  
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Phe Asn Ala Phe Cys Tyr Cys Arg Lys Leu Gly Thr Ala Met Asn Pro  
115 120 125

Cys Ser Arg Thr  
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<210> 2  
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<212> PRT  
<213> Homo sapiens

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Cys Arg Lys Leu Gly Thr Ala Met Asn Pro Cys Ser Arg Thr  
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<211> 33  
<212> PRT  
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic

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20 25 30  
Cys